

LOG OF MEETING
DIRECTORATE FOR ENGINEERING SCIENCES

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SUBJECT: Thermal Overcurrent Protection Technology by Kopelman Ideas, Inc.

DATE OF MEETING: September 27, 1999
PLACE OF MEETING: East West Towers, Room 715
LOG ENTRY SOURCE: Doug Lee, ESEE *DL*
DATE OF LOG ENTRY: October 6, 1999

CPSC/OFFICE OF
THE SECRETARY
1999 OCT - 7 P 2: 26

COMMISSION ATTENDEES:

Doug Lee, ESEE
Randy Butturini, ESEE
William King, ESEE
Arthur Lee, ESEE
Andrew Trotta, ESEE

NON-COMMISSION ATTENDEES:

Bob Kopelman, Kopelman Ideas, Inc./ Fire Fighter Products, Inc.
James Bredin, Kopelman Ideas, Inc./ Fire Fighter Products, Inc.
Jen Levine, Product Safety Letter

SUMMARY OF MEETING:

Mr. Bob Kopelman had previously presented his thermal overcurrent protection technology to the CPSC technical staff on October 7, 1997. A prototype adapter plug sample was shown to the attendees. Mr. Kopelman stated that some of his prototype devices received approval from Underwriters Laboratories (UL) on a construction basis and that pre-production devices will be submitted to UL for listing.

Mr. Kopelman's technology is designed to prevent fires as the result of glowing connections in plugs and receptacles. His technology uses UL recognized components to sense the temperature of an overheating plug or wall receptacle and will interrupt power to the load in the ungrounded conductor before the heat becomes hazardous. The thermal overcurrent protection technology can be designed into outlets, switches, plugs, extension cords, OEM cords, power strips, and other similar products.

The new technology is being developed by Fire Fighter Products, Inc. and is marketed under the name Electrical Safety Product (ESP).